

Amendments to Claims

This listing of Claims will replace all prior versions and listings of claims in this Application.

Listing of claims

Claim 1. (CURRENTLY AMENDED) A method for single-event downloading to a client device, and therein auto-configuring, an imaging device driver which, along with relevant configuration information, is embedded within the imaging device's included firmware per se, said method comprising

establishing between the client device and the imaging device an operative connection, including a bi-directional, imaging-device communication port which is (a) compatible with both devices, and (b) the port via which imaging-job information will be exchanged between the devices,

in relation to said establishing, and utilizing the mentioned port, effecting via a single request a companion single-event ~~delivery~~ download delivery therethrough from the imaging device to the client device of both the imaging driver and the relevant configuration information, and

in association with said single-event effecting and the resulting single-event delivery, auto-configuring in the client device the delivered imaging driver utilizing the delivered configuration information.

Claim 2. (ORIGINAL) The method of claim 1, wherein said effecting includes issuing from the client device to the imaging device a request though the communication port for the delivery of the driver and the configuration information.

Claim 3. (ORIGINAL) The method of claim 2, wherein the communication port employed is RAW port 9100.

Claim 4. (ORIGINAL) The method of claim 2, wherein the communication port employed is IEEE 1284 ECP parallel port.

Claim 5. (ORIGINAL) The method of claim 2 which is employed with a client device which possesses an add-device process, and which further comprises integrationally linking the process of requesting, downloading and auto-configuring with such process.

Claim 6. (ORIGINAL) The method of claim 5, wherein the communication port employed is RAW port 9100.

Claim 7. (ORIGINAL) The method of claim 5, wherein the communication port employed is IEEE 1284 ECP parallel port.

Claim 8. (CURRENTLY AMENDED) In a setting which includes an operatively and communicatively interconnected client device and imaging device, wherein the imaging device's firmware per se possesses an embedded imaging driver and related configuration information, and the imaging device is not yet installed on the client device, a method comprising

identifying, and preparing for use, a bi-directional communication port via which imaging-job information may be exchanged between the two devices, and

using this port, and in a single download event, sending from the imaging device to the client device the embedded imaging driver along with the related configuration information, and

following said sending, and in the client device, auto-configuring the sent driver with the sent configuration information.

Claim 9. (ORIGINAL) The method of claim 8, wherein the client device possesses, and includes the capability to implement, an add-device process, and said sending and auto-configuring steps are effectively integrated with implementation of that process.

Claim 10. (ORIGINAL) The method of claim 8, wherein said sending is preceded, and triggered, by a request process which is initiated from the client device and communicated to the imaging device through the communication port.

Claim 11. (ORIGINAL) The method of claim 8, wherein the port which is identified and prepared is RAW port 9100.

Claim 12. (ORIGINAL) The method of claim 8, wherein the port which is identified and prepared is IEEE 1284 ECP parallel port.

Claim 13. (CURRENTLY AMENDED) ~~Embedded~~ Single event embedded-
driver downloading and configuring structure comprising
an imaging device possessing within its firmware per se an embedded driver and related
configuration information,
a client device having the capability for operative installation of said imaging
device,
a communication port defining a shareable, compatible via for the exchange of
imaging-job information between said devices, and
appropriately inter-associated request, response and auto-configuring structure
distributively present in said client and imaging devices, operatively connected to said
port, and operable, collaboratively, to effect a chain of events including
(a) a single request from said client device to said imaging device for the
download of embedded driver and configuration information,
(b) a single responsive download from said imaging device to said client
device, and
(c) an auto configuring of the downloaded driver in said client device utilizing
the downloaded configuration information.

Claim 14. (ORIGINAL) The downloading and configuring structure of claim 13,
wherein said communication port is RAW port 9100.

Claim 15. (ORIGINAL) The downloading and configuring structure of claim 13,
wherein said communication port is IEEE 1284 ECP parallel port

Claims 16 & 17 (CANCELLED WITHOUT PREJUDICE).